

THE TECH

Vol. 20  No. 18
February 28
1901

Oak Grove Creamery Company,

- - DAIRY LUNCH ROOM - -

445 BOYLSTON STREET, COR. BERKELEY, * * * * * Opp. Y. M. C. A. Building.

Where can be had

Sandwiches of all Kinds, Soups, Tea, Coffee, and Regular Dairy Lunch.

EVERYTHING FIRST-CLASS.

\$6.00 Check for \$5.00.

Pure Milk and Cream.

All Kinds of Meats.

NELSON L. MARTIN.

George B. Chase.

Harvey B. Chase.

AUDITORS and

EXPERT EXAMINERS OF ACCOUNTS.

Especially experienced in audits of Manufacturing and Mill Accounts, of Municipal Accounts, and in examinations of insolvent corporations for creditors or assignees.

REFERENCES:

Manchester Mills, Pacific Mills, Lowell Mfg. Co., City of Providence, Chickering & Sons, Chapman Valve Mfg. Co., and to officers of other Corporations, Banks, Trust Co's., etc.

8 CONGRESS ST., BOSTON.

Telephone 3660 Boston.

Clark's Dairy Lunch,

22 Columbus Avenue.

All our Stews, Soups, Chowders and Chicken Pies are HOME MADE. Chicken Stew, 10c.; Beef Stew, 10c.; Lamb Stew, 10c.; Fish and Clam Chowder, 10c.

We use only strictly Fresh Eggs and the best Creamery Butter. Our Coffee is unsurpassed.

Special to Students. * *

Suits Cleaned and Pressed, \$1.00.
Trousers Sponged and Pressed, 10c.

Suits and Overcoats Made to Order in Up-to-Date Style at Very Low Prices.

H. POZNAR, 435 Columbus Ave.

... IMPORTANT ... TO TECH STUDENTS.

My small expense is your benefit. I Sponge and Press Trousers for 10c., Suits or Overcoats for 35c., to Students of Tech only. I also Make Clothes to Order in a strictly first-class manner, at the most Reasonable Prices.

L. S. ROSENWALD, - - Practical Tailor,
521 COLUMBUS AVENUE, BOSTON.

Tech Students

Why not take your meals at



Ritchie's Dining Room,

4 Columbus Avenue,

Opposite Old Park Square Station.

There you will find the food very nice and the price reasonable.

Discount Tickets—\$3.50 for \$3.00.

Give us a trial and we will do our best to please you.

HIBBARD & MASON,

(INCORPORATED.)

414 Washington Street,

BOSTON.

Exhibit specially selected fashionable materials suited to the requirements of those who dress in becoming clothes.

DRESS SUITS, silk-lined and faced, \$45.00.

Wilbur, Campbell, Stephens Company,

HIGH-GRADE Factories * *
SHIRTS, TROY and
COLLARS and ALBANY,
CUFFS. ... N. Y.
BOSTON OFFICE:
24 Kingston Street.

THE DRUG SHOP.

H. O. NUTE & CO., Inc.
Everything in the Drug Line, also Full Line Imported
and Domestic Cigars.

PIPES, CIGARETTES & TOBACCO.

J. H. BLANCHARD, Reg. Phar., Manager.

H. O. NUTE & CO., Apothecaries.
335 Columbus Avenue, cor. Dartmouth St.
BOSTON, MASS.
Co-operative Discount.

Special Discount TO STUDENTS.

Trousers pressed and sponged, 15 pairs for \$1.00.
3 Suits or 3 Overcoats pressed and sponged, 1.00.
Suits or Overcoats steam or naphtha cleansed, 1.25.

All other work done at low prices, and 10% dis-
count allowed to students.

We call and deliver at any time.

GOLDBERG & RICH, TAILORS

368 Columbus Avenue,
Opposite Yarmouth Street,
Tel. 438-2 Tremont.

∴ THE ∴

WESTMINSTER,

THE NEW HOTEL IN
COPLEY SQUARE.



EUROPEAN
PLAN

HARRY L. BROWN,
Manager.

The Official Tech Pin.

Gold Plated on Silver, \$1.00.
Gold, \$2.50. Silver 75 cents.

HENRY GUILD & SON, Manufacturers of HAM-
MER AND TONGS, and
other Society Pins.
433 Washington St., cor. Winter St., BOSTON.

SCIENTIFIC BOOKS

DANRELL & UPHAM,
The Old Corner Bookstore
283 Washington St., Boston.

DRAPER & DOANE, Oculists & Opticians,

51 SUMMER ST.

Every attention shown those in need of Glasses.
We bring the services of an

OCULIST

within the reach of all.

Highest grade of work at Prices that are fair.

SPECIAL DISCOUNT TO TECH STUDENTS.

Gifts for All...

...Occasions.

Weddings, Anniversaries,
Birthdays.

Gold, Silver, China and
Novelties.

Class Engraving.
Athletic Prizes. .

A. Stowell & Co., Incorporated.
24 Winter St.



Top Coats and Suits.

The Raglan and the Top Coat are dividing the favor of well-dressed men this season. We show splendid lines of each, excellent in quality, style and fit. Collars that fit properly, correct shoulders and stitching, all show the handwork of tailors *that have no superiors.*

OAK HALL,
Washington and Elm Streets.

1900 TECH MEN! 1901

... GO TO ...

Newman the Shoeman
COLLEGE SHOEMAKER,

For your Shoes and Rubbers.

79 TREMONT STREET, Tremont Building, Boston,
and Harvard Square, Cambridge.

THE MIDVALE STEEL CO.,

Locomotive and Car Wheel Tires,
Forgings and Castings,
Bar Steel.



Nickel Steel
Forgings
for
Marine Engines.

Ordinance
Forgings
and
Castings.



OFFICE AND WORKS:
PHILADELPHIA, PA.



McMORROW, Formerly with H. H. Tuttle Co.
COLLEGE SHOES
FOR COLLEGE MEN

OPP. YOUNG'S HOTEL.

238 Washington Street, Boston.

"Twenty-Five Hundred Dollars in Prizes."

The College Essay Pub. Co. is preparing a monthly for college men and women and it solicits manuscripts and drawings from college students who may select their own subjects. Write for information circular.

"STUDENT'S LOAN FUND."

One half of the proceeds accruing from the sale of this monthly will be set aside as a loan fund for needy and deserving students. No interest will be charged on loans.

"A TRIP TO EUROPE FREE."

As the title of this monthly is not decided upon we submit it to the college student. Each student will be allowed one suggestion. His title must be accompanied with one dollar as a four months' subscription. The student whose title will be accepted by three judges will receive the above prize. Write at once as this offer closes March 1st, 1907.

COLLEGE ESSAY PUB. CO.

238 Tremont Street,

BOSTON, MASS.

Hotel Nottingham

The Only Hotel Facing
Copley Square.

Three minutes walk from the
New Back Bay Stations of the
Boston & Albany and N. Y.,
N. H. & H.

Patronage of Tech Students is solicited
in our Cafe.



European Plan.



Check Baggage Back Bay Station, Boston.

H. M. Whipple.

Men's Outfitter.



STUDENTS AVOID THAT "BULGE"

in your Full Dress Shirts by wearing the **MacHurdle**. The only
Perfect Fitting Dress Shirt.

Lion Brand Collars and Cuffs will fit the
MacHurdle Shirts.

Stocktaking Sale of Neckwear, Pajamas and Underwear at
reduced prices.

Special Discount to Students mentioning the "Tech."

Agent for the Cambridge Laundry, work called for and de-
livered promptly,

A. COHEN,

329 COLUMBUS AVENUE.



**SHIRT
MAKING
is
OUR
SPECIALTY.**

Our 
Shirtings

For 1901 Are Ready

Madras, Oxfords,
Cheviots, French Percales,
English and French
Flannel and Linens.

We invite an early
Inspection of our

**Choice Imported
Patterns.**

THE SAWYER CO.,
134 Boylston Street, - - - Boston.
HATTERS, GLOVERS and SHIRTMAKERS.
Telephone, Oxford 983-3.

EAT AT OUR RESTAURANT. ◇

MEADOW BROOK FARM CO.,

202 DARTMOUTH STREET,

Near Copley Square and Back Bay Station.

Good Food and Service at Moderate Prices.

LEE CATERING CO

Restaurant and
Lunch Counter.

MEAL TICKETS, MODERATE PRICES.

Catering in all its Branches.

Choice Candies and Confectionery.

JOSEPH LEE, MANAGER.
408 Boylston Street.

F. Abraham & Son, 



25-27-29 COURT STREET,
BOSTON, MASS.

Manufacturers of

High-Grade Briar and Meerschaum

PIPES.

CLASS PIPES MADE ON THE PREMISES.

Tech Students

(WATCH THIS SPACE)

Our Special Bargain List of

Cameras and Photo Supplies will

be ready on the 15th of December.

Send us your address and we will

mail you one. Or better still call

and get a free sample bottle of our

B. B. B. developers, and see the

stock. We quote lowest possible
prices on **Standard Goods.**

Pinkham & Smith

Opticians.

288 Boylston Street,
Boston, Mass.

Browning, King & Co.,

Clothiers and Outfitters,

700 Washington Street,
BOSTON.

CUSTOM DEPARTMENT.

—Thirty Day Offer.—

To supply work for our Custom Tailors during February,
and until 20th March,

We will make Suits of Scotch Cheviot Suitings for

TWENTY DOLLARS

which were intended for our Twenty-five Dollar line.

Patterns—Season 1901.

Samples on request.

Suits held 60 days, if deposit is paid.

Hall & Hancock,

Novelties in - - - -

SOFT

HATS AND

STIFF

HATS

Canes, Umbrellas,

Hat Cases and Gloves.

407 Washington Street.

Discount to Tech Students.

HAWKES,

Tailor,

71 BEACON STREET,

Full Line of

Fall and Winter

IMPORTATIONS

Tel. 1387-3 Hay. Opp. Pub. Garden.

Successors to D. Toy & Co.

J. & W. Brooks & Co.
Importing Tailors
 15 MILK STREET,
 OPPOSITE OLD SOUTH CHURCH.
 LONDON OFFICE,
 6 SAVILE ROW.
 BIRTHPLACE OF FRANKLIN.

THE LARGEST ASSORTMENT OF FOREIGN WOOLLENS SHOWN IN BOSTON.

CO-OPERATIVE.

In writing advertisers kindly mention THE TECH.

THE TECH

VOL. XX.

BOSTON, FEBRUARY 28, 1901.

NO. 18.

THE TECH

Published every Thursday, during the college year, by students of the Massachusetts Institute of Technology.

HENRY HODGMAN SAYLOR, 1902, *Editor in Chief*.
WALTER HAVENS FARMER, 1902, *Assistant Editor in Chief*.
I. RAYNE ADAMS, 1902, *Secretary*.
H. S. MAXSON, 1901.
ROBERT WHITE, JR., 1901.
P. G. L. HILKEN, 1901.
J. C. FRUIT, 1902.
R. B. PENDERGAST, 1902.
K. W. ENDRES, 1903.
H. S. MORSE, 1903.
E. B. MACNAUGHTON, 1902, *Art Editor*.

ARTHUR SMITH MORE, 1902, *Business Manager*.
ERNEST HARRAH, 1904, *Assistant Business Manager*.

OFFICE HOURS:

Editor in Chief, Monday, 10-11 A. M.
Business Manager, Saturday, 12-1 P. M.

For the benefit of students *THE TECH* will be pleased to answer all questions and obtain all possible information pertaining to any department of the College.

Contributions are requested from all undergraduates, alumni, and officers of instruction. No anonymous manuscript can be accepted.

Subscription, \$2.00 per year, in advance. Single copies, 10 cts. each.

Entered in Post Office, Boston, Mass., as Second-Class Matter.

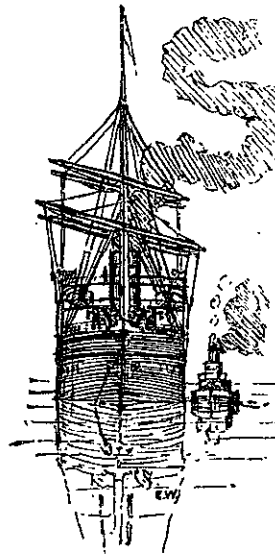
Press of Lounsbury Nichols & Worth Company.



WHILE the second term is yet young, opportunity is offered and should be acted on by undergraduates, to contribute "grinds" and verse to *Technique*. So far *THE TECH* has made slight mention of *Technique*,

but as the book comes out in the last part of April, about two weeks remain during which matter for publication may be handed in. *Technique* has always had the reputation of being representative of the whole

Institute, and, as the representative annual, has certain traditional claims against the student-body. It is hoped that these claims will be respected, and that in the next two weeks, grinds and verse will be sent in. The book stands at the head of college annuals and every effort is being made to make *Technique 1902* superior to former *Techniques*. To do this requires the help of the undergraduate body.



INCE there now seems to be some chance of our giving an opera this spring we would urge the men, especially the Freshmen, to endeavor to take part in the affair. The opera is to be representative above all else, as were the Minstrel Show and the Medicine Man of the past two years. If the men do enter into these things with a will and are not

afraid to give a little of their time to the cause, it has been shown and may be shown again this year that Technology can give a production of this sort which may not be surpassed by any of the larger colleges.

The opportunity of taking part in a play or opera of this kind is one that may not present itself very often in one's lifetime, and the experience of those who have taken advantage of it is that it affords not only a chance to learn something of the stage but also a good share of pleasure.

Naval Architectural Society.

The regular monthly dinner and meeting of the Naval Architectural Society took place at Marliave's last Wednesday evening. Nineteen members were present to enjoy an excellent dinner, interspersed with many good stories.

At the business meeting, which followed, several new by-laws were passed and the following Juniors elected to membership: C. B. Allen, A. L. Appleton, P. R. Dickson, F. C. Durant, E. O. Eastwood, H. A. Everett, H. A. Ferrin, A. Gardner, S. A. Gardner, Jr., L. W. Millar, A. Schwartz, G. S. Taylor, W. O. Teague, X. Y. Walker and Miss Weld.

Mr. Skener read an interesting paper on Water Tube Boilers — describing the different types and discussing their relative advantages. He also gave some statistics of several tests made with water tube boilers and compared these with similar tests made with Scotch boilers.

Mr. Hilken then described the Hanna-Frye Subsidy Bill, stating in detail the arguments which have been raised for and against the measure. After a general discussion the meeting adjourned.

Address by John R. Mott.

On Friday, March 8th, Mr. John R. Mott of New York will speak in Room 11, Rogers, at 4.10 P. M. Mr. Mott is a graduate of Cornell of the class of 1888, and but recently has received the degrees of Master of Arts from Yale. Since his graduation from Cornell, Mr. Mott has been a leader in the student world. He is now general secretary of the World's Student Christian Federation, which is composed of students of North America, Europe, India, China, Japan, Australasia, and South Africa.

Last summer Mr. Mott presided over the Northfield Student's Conference, filling the position occupied for years by Mr. Dwight L. Moody. He is a profound student and an

able speaker, while his wide knowledge of student life makes him especially interesting to students.

WM. C. PICKERSGILL,
Gen. Sec. Tech Y. M. C. A.

The Society of Arts.

The 549th regular meeting of the Society will be held at the Institute, Walker Building, on Thursday, February 28, 1901, at 8 P. M. Mr. Gifford Pinchot, Chief of the Division of Forestry, Washington, D. C., will address the Society on "A Forest Policy for the United States." Illustrated by stereopticon.

GEORGE V. WENDELL, *Secretary.*

Reform Club Prizes.

The Sound Currency Committee of the Reform Club has issued a circular announcing three cash prizes for original unpublished essays, in order to encourage research and study of currency problems, and to ensure the publication of whatever valuable data and arguments may result. The prizes are of one hundred, fifty and twenty-five dollars respectively, and will be awarded for the best essays on one of the following subjects:

I. Original investigation into the history of bank note systems in the United States, dealing particularly with the development of special features, such as (1) methods of security, (2) redemption provisions, (3) elasticity, (4) branch banking, (5) interest rates, etc.

II. The influence upon rural communities of a bank note currency based upon general commercial assets, as distinguished from a system based on deposit of bonds.

III. The problem of supplying credit facilities to agricultural classes, with special reference to branch banks and banks of issue.

The essays may be of any desirable length provided that they do not exceed 20,000 words, and must be in the hands of the Sound Currency Committee by July 1, 1901. Copies of the circular may be obtained by addressing the Committee, at 52 William Street, New York.

Technical Training and the Study of Literature.

The value of literary training in technical education has come to be everywhere recognized by educators, but students in general are as yet hardly responsive to it. A year or two ago a Sophomore at the Institute, with perhaps more frankness than judgment, wrote to the Secretary: "The only reason I can give for being absent from English is that the subject does not interest or benefit me in the least." The obvious reply was that for reasons which seemed to them ample, the Faculty, chiefly composed of scientific men, had made English literature an essential part of every course, so that without it technical training at the Institute was not regarded as complete. Whether this particular student was satisfied with such a reply I do not know; certain it is that the place and the office of this study are not as a rule easily appreciated by technical students.

What are sometimes called "culture studies" have come to be more and more insisted upon in technical schools; so that the importance of convincing students of their value has increased greatly. Work done under constraint is seldom satisfactory, and this is especially true of the present generation, so little affected by respect for conventional standards, and so inflexibly insistent upon independence of action. It is necessary that students shall be made to appreciate that the rank which is now given to these branches is not brought about by whim or mere theory; but that it is the result of a wide knowledge of the conditions under which work is today performed. The boys now in training should if possible be induced to realize that the increased prominence given to literary work in technical schools is the direct outcome of actual and practical experience.

The pressure and competition of modern life, it must be remembered, are constantly altering the conditions under which technical work is done. Where a quarter of a century ago technical workers were so few that a man need only to have come safely through a technical school to be assured of employment of a good grade, today the number of men trained to practical professions has so increased that he who seeks a place has to contend in fitness with numerous candidates. Of half a dozen men, all graduated with credit in technical work, but one can secure a given place. The number of candidates

affords the employer an opportunity for selection which did not exist formerly, and, in consequence, it imposes on the candidates the need of a more comprehensive training. The employer is now able to secure a man not only highly trained professionally, but chosen as well for his all-round character. The worker, then, if he wish to take high rank in his profession, to secure the best places, and to be advanced, is forced not only to be well trained technically, but to excel his rivals in adaptability, in breadth, and in general development of character.

Adaptibility, breadth, and character are not developed exclusively by any one branch of study, so that literature is not a sovereign remedy for stiffness, for narrowness, or for lack of mental vigor. Exclusive attention to any one line of work, however, will inevitably have a tendency to render the mind inflexible, contracted, and limited in resource; and hence the man who pursues only his technical education is practically sure to be confined in his outlook and is likely to lack responsiveness. There is danger that emergencies which unexpectedly arise in practical life will find him insufficient in his powers of appreciation and of devising expedients to meet them. Work outside of the immediate technical training is the only corrective, and while various sorts of human wisdom may be called into requisition for this purpose, there is none which for enlarging the mental view, for producing responsiveness, and for nourishing that imagination which is the creative force in technical as in all other human work, can rival the study of literature.

The estimating of values is one of the most important things which a professional worker is called to do. It may be the relative importance of one fact as compared with other facts: the eccentric action of the magnetic needle under one set of circumstances as opposed to that in another, the characteristics of one ore as matched with another, the roof-line of a building and the contour of a roof of different design. Many of these things are to be tested by accurate scientific investigation, but independent judgment must still play a large part in the work of any successful man. To discover and to estimate the relation and the relative values of things the mind must be trained beyond the mere technical rules of any profession. Familiarity with the workings of great minds upon all sorts of topics as set down in literature may seem remote from training in technique; but no

intelligent student follows appreciatively the thought and discriminations of able writers without gaining in power himself to discriminate and to estimate. The man who has read much, and, reading, has thought much, is sure in the end to find that the time given to this work has been admirably employed to the actual betterment of his technical education.

The discrimination of values is important, too, in distinguishing between the essential and the accidental. In each thing some characteristics are essential because without them that thing could not be what it is; while some peculiarities have nothing to do with its real worth and character. It is essential that a hero be brave, but that he shall also be winning in his manners is an accident. It is essential that an ore yield a certain per cent of metal, but that it is also attractive in form and iridescence is not so. When an instrument is needed for a given purpose it is of the highest importance that the worker be able to estimate how far it is fitted for the effect it is meant to produce, and that he be not blinded by its ingenuity or any other quality which under the circumstances is purely accidental. As soon, too, as a graduate comes to a position where he is called upon to command subordinates he is forced to judge men. Here the power of recognizing essential qualifications from the accidental becomes at once most difficult and most tremendously important. Literature is largely made up of the study of human character, and it gives to the student the knowledge of life and of men as it is nowhere else to be gained save from long experience. An experienced man with a life-long training will be likely to be a better judge of men than can be produced by any amount of literary training, but the student who goes out into the world to make his way does not wish to wait until he is old to be able to know character. What he gets early in life he must take largely from literature, and if he does not obtain knowledge in this vicarious way he is likely to be forced to blunder on without it at a period of his career when every blunder tells most cruelly. The lessons which he would learn but late from life he may learn early from literature.

The social life of a technical man is by the very nature of the case apt to be somewhat limited. His intercourse with his fellows is for years sure to be largely controlled by the necessities of his profession, and yet a man without responsiveness to human

interests sinks soon into a mere machine. I am already so much outrunning the space which I meant to occupy that I cannot dwell upon this, nor can I touch upon the deeper question of the part which literary culture may play in the fostering of that imagination upon which depends all inventive skill. Here it is only possible to note that one of the vital aims in any education worthy of the name is to prepare a man for the give and take of life, to fit him to play his part among men not simply as a clever professional, but as a human being. The measure of a man's effectiveness is his power of meeting the needs of the world, and to respond to the call of the occasions of life needs the cultivation of all the powers of the mind. Social life is not merely the lighter sort of human intercourse to which the name is often given, but all that goes to make up a man's non-professional relations with his fellows. As President Pritchett admirably put it in his inaugural address:

May I hope that in your preparation you may bear in mind as your ideal of an engineer not only one who works in steel and brick and timber, but one who by the quality of his manliness works also in the hearts of men; one who is great enough to appreciate his duty to his profession, but likewise, and in a larger and deeper sense, his duty to a common country and a common civilization. It is not the aim of the Institute to graduate men who, however well equipped they may be in their special branches, are crippled for the race of life in other directions; nor can it be that any student would himself be willing to start on his career in such a condition.

That the study of literature will make men gifted with all good gifts and graces is not claimed; but those clear-sighted men who with careful thought and excellent judgment of life laid out the course of study at the Institute have evidently taken the position that such study is the best means at their disposal to do for the general cultivation of the mind of the student what may be done in the limited amount of time that can be spared from strictly professional work.

ARLO BATES.

Calendar.

Sunday, March 3rd.—Regular Student Y. M. C. A. Meeting at the Student House, 566 Mass. Ave., 4 P. M.

Monday, March 4th.—TECH Board Meeting, TECH Office, 1 P. M.

A Detective Story.

BY A. C-N-N D-YL-. ACCORDING TO BRETE HARTE.

BY H. S. M.

Stretched in the generous depths of an arm-chair I was slowly toasting before the grate fire in my London quarters when I was aroused by a sharp rap at the door. My visitor was Professor Forelock Combs of Scotland Yard, a man much respected in the best criminal society.

As I was assisting him from his heavy ulster he remarked, "You have dined."

My hands shook from amazement. He surmised the reason and carelessly motioned toward my table, untouched since my recent dinner. I steadied myself on a chair. Surely such insight was evidence of supernatural power!

He seated himself in the chair which I had just vacated. With elbows resting on its arms and chin supported by his folded hands he sat meditatively peering into the distance.

I started to offer him a cigar, but caught myself, realizing that such an intellect would not dull its acuteness by useless smoke.

"Yes, I will smoke, thank you." "How, how —" I stammered with surprise. "I saw you in the mirror," he explained in a deprecatory tone. I looked. Sure enough, there I saw my image clearly outlined in the mirror. I faintly tottered to a chair.

He appeared to regret his thoughtlessness in so rudely jarring my nervous system and offered to describe to me a recent case in which he had been engaged.

"It concerns the famous Steyn-De Wett diamonds," he commenced. "I was called upon to attend a grand reception to the Duchess of Lampwick — an American production. The mineral kingdom of the British Empire was displayed at that reception.

"I was obscurely mingling with the throng, with one eye ever on the Duchess, when I noticed a young man a short distance away watching her attentively. I walked carelessly toward him, and had almost reached him when he moved toward the Duchess.

"I looked quickly toward her and saw that she had laid her fan, a fortune in itself, upon a chair. As the man passed the chair he snatched the fan and hastily slipped it beneath his coat. After loitering nonchalantly about for a few moments he started

toward the nearest doorway. I approached the Duchess of Lampwick, and after warning her to exhibit no surprise told her that her fan was stolen.

"As I turned from her, the thief was passing from the hall. I followed him. When I reached the door he was far down a dimly lighted corridor. He heard the click of my heels on the marble floor, looked back over his shoulder and quickened his step. I likewise increased my pace. The distance between us was gradually decreasing, when the fellow, unable longer to bear the suspense, broke into a run and dashed through a door opening upon a fire-escape. When I reached the door I closed and fastened it; then I returned to my post in the reception hall."

I was about to interrupt, wondering why he did not secure his thief, when he motioned me to remain silent.

"Guards had been stationed about the building. At daybreak the fellow was found on the fire-escape with the Steyn-DeWett diamonds in his pocket.

"You see the fire-escape ended about fifteen feet above the ground. He had reached the end, and slid down a rod until his feet struck a crosspiece and felt for the ground with his foot. He stuck it into a hogshead of water. A second attempt met with a similar result; so, fearing lest some body of water was beneath him, he waited for daylight in order to investigate his position. There he was found by the guards."

"How fortunate!" I exclaimed.

A dark cloud overspread the massive countenance of Forelock Combs. "Fortunate? fortunate?" he exclaimed, "No! I had ordered that hogshead placed there."

The College Essay.

A novel publication devoted to the interests of the student body will soon appear under the name of the *College Essay Monthly*. It will be published by the *College Essay Publishing Company*, of Boston, and is to be issued monthly during the college year. It is designed to produce the best literary efforts of college students and through its purses, amounting annually to \$2,500, to stir to action those men and women whose capabilities have remained unknown owing to lack of opportunity or encouragement.

The magazine will be divided into five departments, namely: Freshman, Sophomore, Junior, Senior, and Post-Graduate, and each of these departments will be open to the students representing their corresponding year at college.

The prizes will be offered as follows:

(1) Fifteen purses of One Hundred and Fifty Dollars each will be awarded to the students writing the best papers on the themes mentioned below.

(2) Five purses of thirty dollars each for the best poem in each department.

(3) The sum of one hundred dollars will be equally divided among the ten students relating the best college incidents.

(4) Three purses of twenty-five, fifteen, and ten dollars each will be awarded for drawings significant of college life, as a football player, baseball player, tennis man or woman, golf girl, etc., etc., etc.

In each of the five departments three purses of one hundred and fifty dollars each will be awarded for the best papers on any of the subjects in the first three groups.

All of the competitors will be governed by the following conditions:

(1) No paper shall exceed five thousand words (poems limited to fifty lines and incidents to four hundred words). Write on one side of the paper only. Typewritten matter preferred.

(2) Not the author's signature but his or her pen name and name of class must accompany the manuscript.

(3) His or her name, pen name, name of college and class must be sent to us under separate seal and these not to be opened until the selections have been made.

(4) The manuscripts must be sent to us before Feb. 1st, 1901. (This limit extended.)

(5) Each manuscript must be accompanied with stamps for remailing.

The subjects for competition will be grouped under four heads: —

(1) Literature, embracing History, Art, Biography and Fiction.

(2) Scientific, including Physics, Medicine, Law, Geology, etc.

(3) This group will comprehend papers on Philosophy, Psychology, Religion and Sociology.

(4) Poetry.

College Notes.

Many universities have offered scholarships to young Filipinos. It is announced that any Filipino desiring to enter Cornell will be admitted free of tuition.

It is said that Princeton has a president who is not a citizen of the United States. President Patton was born in Bermuda and has kept up his citizenship there.

Ten new courses have been arranged by the engineering department of the University of Michigan. Seven of these are in naval architecture and three in marine engineering.

Most colleges and universities have declined the invitations extended them by the Inauguration Committee, for representation in the inaugural ceremonies of President McKinley.

Princeton is to have a new gymnasium which will cost between \$200,000 and \$250,000. It is to be modern in every way and will probably be erected adjoining the Brockaw building on the south campus.

The announcement was made during the past month, that Andrew Carnegie is contemplating the founding of a polytechnic school at Pittsburg Pa., for instruction in practical mechanics and industrial arts and sciences, at a cost of \$3,000,000.

The Yale corporation have decided to tear down North College, Lyceum Hall and the Treasury Building during next summer to make way for new buildings. This leaves

South Middle the only original building at Yale now left.

On the occasion of his decemical celebration, Emperor William II., created the representatives of three Prussian technical institutes members of the Prussian House of Lords for life, "in recognition of the important place which engineering has assumed at the close of the century."

The University of Chicago is to have a new club house for the use of students. It will be five stories high and contain a large banquet and dining hall, which may be used for dancing if desired. Bowling alleys and billiard tables are also to be provided. The building will cost \$200,000.

A press club, including all student correspondents of city newspapers and preparatory school publications, together with the members of the board of editors of *The Brown and White* has been formed at Lehigh. The chief purpose of the new organization will be to systematize all news going to press concerning Lehigh, and to see, that the public and secondary school papers are kept as well informed as may be of what is going on at the University.

Class Day Nominations.

The following is the official list of nominations for the 1901 Class Day Officers made in the committee meeting on Tuesday.

For Marshals; Aldrich, Baxter, Danforth, Holmes, Whipple.

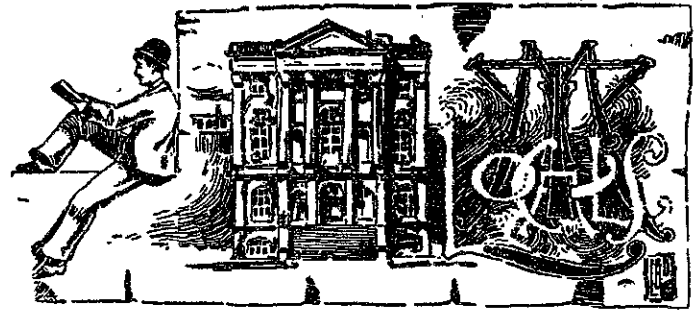
For Statistician; Parrock, Puckey.

For Orator; Brush, Newlin, Rowe.

For Historian; Kennedy, Sexton, Thatcher.

For Prophet; Appleton, Foster, Laws.

For Class Day Committee (polls still open); Bickford, Boyd, Butler, Florsheim, Freeman, Garrett, Hogle, Higgins, Koch, MacDonald, Moore, Murray, Perry, Player, Rash, Sammett, Seaver, Shivers, St. Clair, Walcott.



The Memorial Fund has reached the sum of over fifty-five thousand dollars.

The class of '98 will hold an informal reunion at the Technology Club on Tuesday, March 5th, at 8 P. M.

Dr. G. M. Field, late of Providence, R. I., gave a lecture on Economic Zoölogy in the department of Biology, last Monday.

The Senior Class Day Nominating Committee organized Friday. E. F. Lawrence was elected chairman and A. W. Higgins, secretary.

Harold Y. Curry, '02, was taken with a severe attack of appendicitis February 19th. He was operated upon last Thursday, and is now past the critical point.

All Seniors MUST have their photographs taken before March 1st. The class photographer is C. W. Hern, 394 Boylston St., and the hour (without previous appointment) is 1 to 2 P. M.

A meeting of students of the Institute belonging to the Episcopal Church has been called for Monday, the 4th of March, at 8 P. M. at the Technology Club. Professor Richards will speak.

Professor Burton and party left Boston Friday night and sailed from New York Saturday on the steamer *Werra* for Genoa, where they will take passage on the *Deutschland* steamer for Sumatra.

Over sixty Tech men, mostly from Course VI., visited the works of the General Electric Company at Lynn, on Wednesday, February

20. The party inspected the whole of the establishment, the largest of its kind in the East, and spent a most profitable and enjoyable afternoon.

Mr. Wm. J. Drisko, VIII., '95, who formerly held Dr. Wendell's position, will take the place of Mr. H. W. Smith, in the physical department for the rest of the year, while the latter is on the eclipse expedition.

Professor E. O. Jordan of the University of Chicago, M. I. T. '88, lectured last Monday on the purification of streams, illustrated by his work on the Chicago Drainage Canal. He was the expert selected by the Sanitary District of Chicago to study the effect of the drainage canal on the sanitary condition of the Illinois and Mississippi Rivers,

At the meeting of the Chicago Club, Tuesday, February 26th, G. M. Proudfoot, '04, and L. H. Underwood, '03, were elected members. The following officers were elected for the year: President K. Lockett; Vice-President, H. Y. Curry; Secretary, J. F. Card; Treasurer, H. S. Baker; Executive Committee, J. R. Jones, W. M. Drury.

In accordance with the suggestion in a former issue of THE TECH and the expressed wishes of previous members, the French society *L'Avenir* will soon be reorganized. A meeting is to be held in room 26, Walker, at 4 o'clock Thursday. R. Lage will recite a monologue in French. New officers will be elected and all former members and new men wishing to become members are requested to be present at this first meeting.

U. of Pa. Confers Degrees.

As a fitting tribute to Washington's views on the promotion of learning, the University of Pennsylvania conferred six degrees. The ceremonies were held in the Academy, Friday, February 22nd. The following degrees were conferred:—

Doctor of Science, Rear Admiral George W. Melville, U. S. N. Doctor of Laws, Judge Clement B. Penrose, of the Orphans' Court; Bishop Henry C. Potter, of New York; President Henry S. Pritchett, of the Massachusetts Institute of Technology; President William L. Prather, of the University of Texas; Doctor of Sacred Theology, Rev. John S. Jones, of Philadelphia.

Dr. S. Weir Mitchell introduced each guest to Provost Harrison. In introducing Dr. Pritchett, he referred to him as "a man in whom we gladly honor scientific ability and administrative capacity." Provost Harrison conferred the degrees in Latin. Besides the conferring of the degrees, the program consisted of music and speeches.

M. I. T. A. A's. New Rule.

At a meeting of the Executive Committee of the M. I. T. A. A. held in the trophy room Monday, the following rule concerning the payment of class entry fees to Association meets was adopted:—

If a class does not pay its entry fees within thirty (30) days after date of issue of the bill of entries for that class, all representatives of the class will be debarred from entering the next Association Meet.

C. A. SAWYER,
Treas. M. I. T. A. A.

Basket-ball.

The game with Harvard, played Feb. 21, was very disastrous to the Technology team, resulting in defeat by a score of 55 to 15. Technology was outclassed at every point, and at all times played a slow and far from scientific game. Both teams played roughly in the second half and many fouls were called. The ball was in Technology's territory the greater part of the game, and their goal-guarding very weak. Harvard's work

improved much in the second half and their superior physical condition did much in making their large score.

The summary is as follows:

HARVARD.	M.I.T.
Gilles, r.f.	l.g., Kendall, Stanford
Underwood, l.f.	r.g., Pell
Fenwick, c.	c., Dillon
Clark, Hanavan, l.g.	r.f., Levy
Lehmann, r.g.	l.f., Cox

Goals from the floor — Gilles 7, Clark 5, Underwood 3, Lehman 5, Fenwick 3, Cox 3, Levy 3. Goals from fouls — Gilles 9, Levy 3. Officials — Referee, Dr. N. E. Sanders of Boston Y. M. C. U.; umpires, H. H. S. Anderson and J. F. Jennings, '01, Harvard. Time, 20-minute halves.

The Lowell Game.

The game with Lowell Y. M. C. A. resulted in defeat by 28 to 14. The first half closed with Lowell having scored 21 to Technology's 7 goals. During the second half the game was very roughly played, but much better work was done than in the first half, each side scoring seven points. Previous to the match, the opponents treated our men to an excellent turkey dinner and extended to them all the courtesies in their power, so that the Tech men have nothing but praise for the treatment received at Lowell.

Boston Y. M. C. A.

The last game of the season was played with Boston Y. M. C. A. and was won by Technology, 9 to 7. The game was well and finely played from start to finish, but was withal clean and free from fouls. The audience was very small, Tech men as usual not being over-prominent.

Andover Hockey Game Postponed.

The game scheduled with Andover for last Saturday had to be postponed on account of the poor condition of the ice at Andover. The game will be played in the near future.



'73. W. Dale Harris, I., is president of the Montreal Terminal Railway.

'76. Charles T. Main, II., has very recently visited California to make expert investigation of certain extensive water power developments and electric power transmissions now in construction.

'85. E. L. Rawson, IV., is superintendent of buildings for Winslow, Wetherell & Bigelow, architects.

'87. H. S. Adams, III., and E. G. Thomas, II., are developing the Sunnyside Placer Mine in Plumas County, Cal.

'90. Joseph B. Baker, VI., of Newton, Mass., was married November 14 to Miss Alice Phillips Patton, eldest daughter of Professor George A. Patton of New York.

'92. Elisha Lee, I., is assistant superintendent of the Pennsylvania Railroad, Parkersburg, Pa.

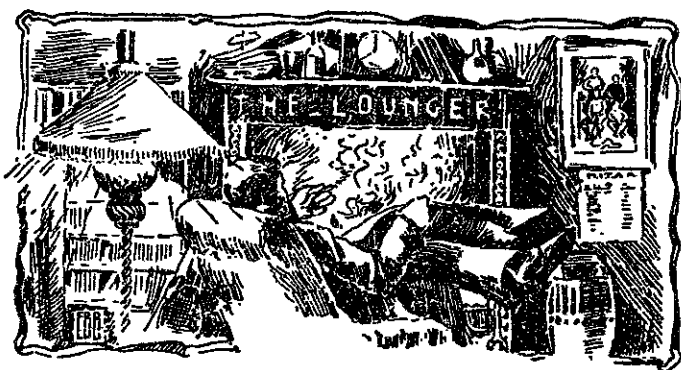
'94. G. A. Taber, I., and Miss Edna May Dearborn of Winchester, were married on October 25. Taber is with the Rapid Transit Commission in New York.

'95. W. C. Brackett, XI., holds an excellent position as civil engineer for the elevated lines of the Boston Elevated Railway.

'97. Percy G. Stiles, VII., is assistant in physiology at Johns Hopkins University.

'00. G. M. Holbrook, W. A. Dorey, and W. A. Moulton, are all engaged in the Illinois Steel Company.

'00. D. S. Johnson, III., is with the Philadelphia Smelting and Refining Co. at their plant in Pueblo, Col.



Seldom it is that THE LOUNGER gets hold of a really good thing and even then his natural reluctance to spoil an excellent joke by adapting it for his own peculiar and altogether strange uses makes him hesitate about giving formal publicity to it. Last week, however, he generously helped a fellow-sufferer to relief from his agony by allowing him to deliver a story — nay a tale of woe — which stirred to its very depths THE LOUNGER's sense of humor. It is a well-known fact that here at the Institute there exists a gentleman, prominent in linguistic and theatrical circles, who affects certain characteristic tonsorial structures, which defy denomination and which yet give that gentleman a very *distingué* appearance. It might further add to the concealed lucidity of this description if THE LOUNGER should state that Harvard is obliged to accept the condescension of this linguist in assisting the *Cercle Français* to make their French plays fit to be seen. Now it happened that a Freshman, wise beyond his years and class and overcharged with the discovery of the resemblance which exists between the aforementioned instructor and the idea which we are accustomed to have of his sulphurous majesty of the lower regions, was seeking about for a victim unto whom he might unburden his mind of this too ponderous weight. Conceive the Freshman, having button-holed his man on Rogers steps, exclaiming with evident relief, "Doesn't Ch - l - e look like the devil?" Conceive the dramatic power and realism of the situation, surpassing even a reading by Arlo, when he receives a tap on the shoulder, and, looking around perceives the instructor to whom he has just so ignominiously referred. Conceive at first the Freshman's consternation and then his grateful appreciation on learning that for once his youthful wisdom had not gone astray, when the long-suffering, libelled Frenchman with a most bewitching smile retorted, "You'll think I'm the devil, when you get your term's mark!" THE LOUNGER must admit it is on the Freshman; but what pleases him most is to notice that the art of repartee is not going into decadence.

THE LOUNGER has cause to believe that the lot of our musical clubs' manager is in truth a hard one.

Some of THE LOUNGER's readers may have noticed, yea *must* have noticed the very artistic piece of printing decorating the end of Rogers corridor and proclaiming the advantages of a trip to Northampton with the clubs. The aforementioned manager seems to be having a very hard time indeed to satisfy the clamorings of the eager throng which is struggling to gain admission to the Northampton concert. While glancing casually over the wall paper some time ago THE LOUNGER's eye was caught by an article stating that Technology's popular musical promoter had just made a trip to the scene of the oncoming strife for the purpose of doing a little wire-pulling on the side in the hope of attracting a good-sized audience. Now surely this cannot but be a base libel. The article even went so far as to state that the promoter obtained a college directory and honored many of the fair inhabitants with a personal appeal to "Come hear my boys sing and play." THE LOUNGER cannot credit such an improbable tale, but in case the manager *is* having difficulties such that he feels it necessary to take his audience with him, would it not be advisable from an economic standpoint to hold the affair in Huntington Hall and put up the posters at the other end of the line?

It has often been a matter of consideration to THE LOUNGER as to whether or not the thirteen courses now in running order are sufficient for the needs of the Technology undergraduate, and he has lately come to the conclusion that they are not. He would suggest a course in the art of keeping books. Recently the basket-ball team had a sudden inspiration of athletic fervor and presumably also of spare cash. Hence they started out and invested in tickets, supposedly meant to be sold. Now THE LOUNGER sees one of the wan members of the team mournfully asking all his friends if he gave them any tickets to sell. The moral is obvious; mark the tickets "complimentary" before giving them out. THE LOUNGER is sure it would save trouble.

Verily THE LOUNGER, as he returns year after year to his chief joy — the Physics lectures — sees many new faces in that historic hall. And the new faces are not all in the attentive audience. Year after year the lecturers' slave becomes worn out by more or less work and returns no more to his old haunts. As one looks at the wan face of the present holder of the enviable position as he labors to hold down his arm chair, one wonders how the human frame can endure such a strain. A faint smile flits across his tense, concentrated face. What is the thought that is crossing that active mind? Probably, "In a few minutes the strain will be over and I can go to lunch."

Young Men . . .

Will find our Stock replete with
Latest Novelties in

RAIN COATS
FANCY VESTS
TUXEDOS REVERSIBLE
SUITS
OVERCOATS.

Our Special Hat, Style 2525

\$2.00

is equal to most hats sold for
three dollars


Continental Clothing House,
Washington and Boylston Streets.

THOMAS O. TURNER
TAILOR
252 BOYLSTON ST.
Boston, Mass.

Discount to Tech Students.

MEMBER OF THE CO-OPERATIVE SOCIETY.

"THE GIRLS ARE FOND OF THESE"



TECH EMBLEMS.

Greatest Variety.
Lowest Prices.

BENT & BUSH,

387 WASHINGTON ST., BOSTON.

SPRING 1901.

**YOUNG MEN'S
STYLISH HATTERS.**

Makers and Designers of Association "TECH CAPS."
An Exclusive Assortment of
WALKING STICKS, HAT COVERS AND UMBRELLAS.

Special Terms cheerfully given to Tech Students.
GEO. L. GRIFFIN & SON,
COLLEGE HATTERS,
404 Washington St., - - - Boston, Mass.

AWARDED MANY PRIZES WHEN IN COMPETITION WITH
OTHER PHOTOGRAPHERS, AND ESPECIALLY HONORED
BY THE PHOTOGRAPHERS' ASSOCIATION OF NEW
ENGLAND AT THEIR 4TH ANNUAL CONVENTION
SEPT. 12-15, 1900, BY THREE SALON AWARDS

Announcement

1901

The . . .

Senior Class Photographer
of Mass. Inst. Tech.

...IS...

Chas. W. Hearn,

STUDIO
394 Boylston Street,
(Near Berkeley St.)

Specially favorable rates to all students of M.I.T.
Portraits in Carbonette Platinum and Carbon.

LATROBE STEEL COMPANY.



Works,
Latrobe, Pa.

Main Office,
Philadelphia, Pa.

Pach

Harvard Photographer.



SPECIAL DISCOUNT TO TECH MEN.



STUDIO:

1181 Massachusetts Ave., Cambridge.

Tel. Cambridge 734-3.

"Do you know that ugly gentleman sitting opposite to us?"

"That is my brother, madame."

"Ah, I beg you pardon. I had not noticed the resemblance." — *Ex.*

Jack — There's one redeeming feature about South Boston.

Jill — What may it be?

Jack — The pawn shop. — *Lampoon.*

THE BERKELEY HOTEL

BERKELEY and BOYLSTON STS.

Near Institute of Technology.

American and European Plans.

★NEW BILLIARD ROOM.★

JOHN A. SHERLOCK.



Week Commencing March 5, 1901.

Hollis Street Theatre.—Mr. Gillette and his wonderful play, "Sherlock Holmes" have made one of the most decided successes known here in a long time. The audiences have paid the highest tribute to the abilities of Mr. Gillette, both as an actor and a dramatist, by the amount of applause given him. The only matinee performances are given on Saturdays. The engagement is limited.

Colonial Theatre.—"Ben Hur" continues its uninterrupted success. Although the play deals largely with material of a religious character it is in no sense a strictly religious play. It is a tale of love, intrigue, persecution and rivalry in the early Roman times. It is certainly a good portrayal of Lew Wallace's famous book.

Tremont Theatre.—"Miss Simplicity" is extremely well rendered by the Bank Officers' Associa-

HERRICK TICKETS Copley
ALL THEATRES Square.

Telephone 608 and 950 Back Bay.

tion, and deserves its success. It continues through this week only. Next week Jefferson De Angelis will present his very successful operatic comedy, "A Royal Rogue." This is said to be one of his best pieces.

Boston Museum.—May Irwin is certainly the jolliest woman on the American stage. Her work in "Madge Smith, Attorney," as a woman lawyer gives numerous opportunities for displaying her wonderful talent of making people laugh. The play is announced for three weeks only.

Columbia Theatre.—"The Burgomaster," is the newest musical comedy to win public favor. The plot gives numerous opportunities for handsome scenes and pretty costumes. The music is catchy and of the kind that is long remembered. The chorus is of more than average size and beauty.

Castle Square Theatre.—The very successful production of "The Little Minister" will run for the rest of this week. Next week an elaborate production of "Frou-Frou" will be given. This play has been a popular stock play for several years in America. "Under Two Flags" is announced for March 11.

Boston Theatre.—Harry Lacy in the "Still Alarm." As popular as ever.

Park Theatre.—Next week, Henry Miller in "Richard Savage." Thrilling, unique and daring in plot.

S. SIMONS, Tel. 1509-2, Haymarket.
Leading College Shoe Man.

Low Black Calf a Specialty.
46 Charles Street, and 45 River Street,
BACK BAY, BOSTON.

Heavy Reduction. All Winter SHOES,
Also Patent Leathers,

DURING FEBRUARY.

COES & STODDER,

78 Boylston Street, and 14 School Street, BOSTON.



A. S. ADAMS
 Maker of the Official
M. I. T. Pin
 8 Winter St., BOSTON.



THOMAS HOOPER,
 Maker of
CUSTOM SHIRTS,

352 Washington Street, BOSTON.
 Telephone 2902 Boston.



Ben (reading): "So he slipped on his coat and went downstairs."

Len: "Did he hurt himself much?"—
Yale Record.

S. C. KEITH, JR., '93,
BACTERIOLOGIST
AND CHEMIST,

394 RUTHERFORD AVE., CHARLESTOWN, MASS.

Flowers.

Candies.

The Thorndike Flower Store,

230 BOYLSTON STREET,

Next to the Thorndike.

Tel. 101 Back Bay.

SPECIAL DISCOUNT TO STUDENTS.

Landers'

Always Open
Quick Service
Polite Attention

Famous Coffee House
and Lunch Room.....

For Ladies and
 Gentlemen.

Lunches Put Up
 To Take Out.

Our Coffee is Unequalled in the City.



189 Columbus Ave., cor. Berkeley.
 695 Washington Street.

I. N. LANDERS, Proprietor

H. E. SANDERS, Manager

The Farmer.

The farmer leads no EZ life,
 The CD sows will rot;
 And when at EV rests from strife
 His bones will AK lot.

In DD has to struggle hard
 To EK living out;
 If IC frosts do not retard
 His crops, there'll BA drought.

Both NZ cannot make to meet,
 And then for AD takes
 Some boarders, who so RT eat
 &E no money makes.

Of little UC finds this life;
 Sick in old AG lies;
 The debt he OZ leaves his wife,
 And then in PC dies.

— Ex.

Of all the sad words
 Of tongue or pen,
 The saddest are these —
 I've flunked again.

— Ex.

The Bath's the Thing.

TURKISH BATH

Removes all impurities, clears the brain, and sends the blood tingling through the body. The best baths in Boston are the

TREMONT TURKISH BATHS,

Adolph Lundin, Prop. 176 Tremont St., Boston.
Under the Tremont Theatre. Tel. 625 Oxford.

Young's Hotel
Parker House
Hotel Touraine
BOSTON, MASS.

J. R. WHIPPLE & CO.



T. E.
Moseley
& Co.

Winter and Storm Boots,
Double Soles—Tan—Black.
\$3.50 to \$9.00.

145 Tremont St., Between Temple Place
and West Street.

10 PER CENT. DISCOUNT TO TECH.

Wright & Ditson, LEADING BASEBALL OUTFITTERS.

Wright & Ditson's Intercollegiate-Base Ball is specially adapted for school and college matches	\$1.25
Wright & Ditson's League Ball,	1.00
Wright & Ditson's League Bats are finely balanced, thoroughly seasoned, and are hard drivers,	.75
League Bat,	.75
College Bats,	.50
Amateur Bats,	.25
Special College Catchers' Mit, { Extra Large,	7.00
{ Ordinary Size,	5.00
Best Baseman's Mit,	4.00
Best Fielder's Glove,	2.50

Uniforms, Shoes and other Supplies are the best. Send for Catalogue containing Price List of Golf, Tennis, Football and General Athletic Goods.

WRIGHT & DITSON, 344 Washington St., Boston.

ALL GOODS REQUIRED BY
STUDENTS AT

MacLachlan's,
214 Clarendon Street.

Drawing Instruments and Materials, etc.
Fountain Pens, Text Books.

EGYPTIAN
DEITIES

"NO BETTER
TURKISH
CIGARETTES
CAN BE MADE"

Students, Attention!

At TRINITY COURT PETIT LUNCH, one minute's walk from Technology buildings, you can get the best and at the most reasonable prices in Boston.

Service and cuisine unexcelled.

TRY US.

Priest's Dining Rooms,

102 DARTMOUTH ST.

21 Meal Tickets,	\$4.00
7 Noon Dinners,	1.20
7 Dinners,	1.50

OPEN UNTIL MIDNIGHT.

St. Botolph Hall *Cafe*

38 St. Botolph Street.

PRICES:

Regular weekly Board, (3 meals a day,)	\$6.00
21 Meals, Breakfast ticket,	6.00
21 Meals, Luncheon ticket,	4.00
21 Meals, Dinner ticket,	7.00

G. R. HOWARD.

THE BRUNSWICK,

BOSTON.

Boylston and Clarendon Streets,

(Adjoining Copley Square.)

Near the Museum of Fine Arts, New Public Library, New Old South Church, and opposite Trinity (Philips Brooks') Church and Institute of Technology.

KEPT ON BOTH AMERICAN
AND EUROPEAN PLANS.

BARNES & DUNKLEE, Proprietors.

H. H. BARNES, Manager.



Boston University School of Medicine.

Large teaching force, including specialists. Advanced and thorough methods of instruction. High standards. A broad and comprehensive curriculum. Exceptional laboratory and clinical facilities; upwards of 20,000 hospital and dispensary patients being annually available for purposes of clinical instruction.

For information and circular, apply to

J. P. SUTHERLAND, M.D., *Dean*,
295 Commonwealth Avenue,
BOSTON, MASS.

DR. ALPHEUS R. BROWN, DENTIST,

201 CLARENDON ST., BOSTON.
Next to The Brunswick.

Telephone,
No. 1431-2 Back Bay.



F. L. DUNNE,

Maker of + + +

Men's Clothes.

CORRECT
LONDON NOVELTIES
FOR EVERY
OCCASION.

Sporting Garments

OF ALL DESCRIPTIONS.

Transcript Building, 328 Washington St.,
BOSTON.



The Improved

BOSTON GARTER

The Standard
for Gentlemen

ALWAYS EASY

The Name "BOSTON
GARTER" is stamped
on every loop.

The

Velvet Grip
CUSHION
BUTTON
CLASP

Lies flat to the leg—never
Slips, Tears nor Unfastens.

SOLD EVERYWHERE.

Sample pair, Silk 50c., Cotton 25c.
Mailed on receipt of price.

GEO. FROST & CO., Makers,
Boston, Mass., U.S.A.

EVERY PAIR WARRANTED